(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 27 May 2004 (27.05.2004)

PCT

(10) International Publication Number WO 2004/044251 A1

	International Patent Classification ⁷ : C21D International Application Number:		(71) Applicant (for all designated States except US): POSCO [KR/KR]; 1 Koedong-dong, Nam-ku, 790-300 Pohang, Kyungsangbook-do (KR).
(22)	PCT/KR2003/002412 2) International Filing Date: 11 November 2003 (11.11.2003)		 (72) Inventors; and (75) Inventors/Applicants (for US only): CHOI, Kyu-Seung [KR/KR]; c/o POSCO, 1 Koedong-dong, Nam-ku, 790-300 Pohang, Kyungsangbook-do (KR). WOO,
(25	Filing Language: Ko	orean	Jong-Soo [KR/KR]; c/o POSCO, 1 Koedong-dong, Nam-ku, 790-300 Pohang, Kyungsangbook-do (KR).
(26)	Publication Language: En	glish	(74) Agent: C & S PATENT AND LAW OFFICE; C-2306 Daelim Acrotel, 467-6 Dogok-dong, Kangnam-gu, Seoul
(30)	Priority Data:		135-971 (KR).
	10-2002-0069646 11 November 2002 (11.11.2002)	KR	(81) Designated States (national): CN, JP, US.
	10-2002-0069647 11 November 2002 (11.11.2002) 10-2002-0074325	KR	(84) Designated States (regional): European patent (DE, FR, GB, IT).
	27 November 2002 (27.11.2002) 10-2002-0074326	KR	Published:
	27 November 2002 (27.11.2002) 10-2002-0074328	KR	with international search report
	27 November 2002 (27.11.2002) 10-2002-0074329	KR	For two-letter codes and other abbreviations, refer to the "Guid- ance Notes on Codes and Abbreviations" appearing at the begin-
=	27 November 2002 (27 11 2002)	KR	ning of each regular issue of the PCT Gazette

(54) Title: COATING COMPOSITION, AND METHOD FOR MANUFACTURING HIGH SILICON ELECTRICAL STEEL SHEET USING THEREOF

(57) Abstract: There are provided a coating composition for siliconizing, and a method for manufacturing a high silicon electrical steel sheet using the same. The coating composition includes: a Fe-Si-based composite compound sintered powder having a grain size of - 325 mesh and containing 20 - 70 % silicon by weight; and a colloidal silica solution containing 15 - 30 part by weight of silica solid matter with respect to 100 part by weight of the sintered powder.